

# Brian Sisney

## Software Engineer

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### Experience

#### Software Engineer II | MediaMath | February 2015 - August 2016 | New York, NY

- Worked on a small team to create a scalable, stable and secure platform for the management of all of MediaMath's financial data.
- Implemented and delivered a rebate service that uses campaign performance data and user input to calculate the rebate amount based on the type of rebate and unique tiered structure. Tools included Ruby, PostgreSQL, AWS Data Pipeline, AWS S3, and AWS EC2.
- Developed front end for billing service, including a dynamic form generated from a JSON schema that users uniquely build per organization. Tools included AngularJS and Formly library.
- Collaborated with another engineer in design and implementation of Rails API microservices and AngularJS front end hosted on AWS. Microservices were used to manage input of financial and operational data for newly acquired company.
- Delivered a robust system that processed daily ingestion of campaign performance data. Tools included AWS S3, AWS SQS, AWS RDS, Rails API microservices, and Shoryuken gem.
- Assured quality of large-scale data processing and analytic solutions to deliver insights to customers. Tools included PostgreSQL, Python and Apache Spark.
- Successfully turned around failing projects and produced valuable results.

#### Junior Developer | MediaMath | May 2014 - February 2015 | New York, NY

- Owned and added features to a Ruby on Rails application that acted as the portal for interacting with MediaMath's financial processes and provided internal clients with access in support of their reporting & analysis needs.
- Refactored existing code to be more objected oriented and scalable for reporting service where users could create custom reports using a friendly UI.
- Expanded reporting service making more performance, resource, vendor and partner data available to the employees.
- Successfully developed polymorphic attachments service that could be added easily to any model in the application. Tools included AWS S3, and Paperclip gem.
- Responsible for multiple project successes including redesigning the entity and resources pages with an intuitive UI.

#### Coca-Cola Digital Asset Manager | Tag Worldwide | Oct 2011 - Apr 2013 | New York, NY

- Managed and maintained Coca-Cola live asset management database and digital delivery website.
- Produced Coca-Cola Creative Reel: showcasing collection of worldwide TV, print, and digital creative assets.

### Education

**MakerSquare** | Web Development Bootcamp | 2014 | Austin, TX  
**Boston University** | B.S. Communication | 2010 | Boston, MA

### Technical Toolbox

Ruby, Rails, PostgreSQL, AWS, JavaScript, AngularJS, Apache Spark, Python, Vagrant, Node.js, Git, HTML, CSS

### Volunteer

**Team Liaison Montenegro Water Polo** | Summer Olympics | 2016 | Rio de Janeiro, Brazil  
**Sponsorship Chair** | Big Apple Recreational Sports (non-profit LGBT sports league) | 2013 | New York, NY